

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002682

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/543 G01N33/96

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS, EMBASE, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DUNDR M ET AL: "Quantitation of GFP-fusion proteins in single living cells." JOURNAL OF STRUCTURAL BIOLOGY, vol. 140, no. 1-3, 2002, pages 92-99, XP002305339 the whole document	1, 3-53, 57-87
X	BERGQUIST, N. R. ET AL: "Use of polymerized immunoglobulin particles for specificity control of fluorescent conjugates" JOURNAL OF IMMUNOLOGICAL METHODS, vol. 4, no. 2, 1974, pages 195-202, XP002305340 page 201, line 15 - line 27	2-53, 57-87

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

12 November 2004

Date of mailing of the International search report

24/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	POON S S S ET AL: "TELOMERE LENGTH MEASUREMENTS USING DIGITAL FLUORESCENCE MICROSCOPY" CYTOMETRY, vol. 36, no. 4, 1 August 1999 (1999-08-01), pages 267-278, XP009023307 the whole document -----	2-53, 57-87
X	SLIJEPCVIC PREDRAG: "Telomere length measurement by Q-FISH" METHODS IN CELL SCIENCE, vol. 23, no. 1-3, 2001, pages 17-22, XP002305341 the whole document -----	2-53, 57-87
X	NOACK F ET AL: "CD87-POSITIVE TUMOR CELLS IN BONE MARROW ASPIRATES IDENTIFIED BY CONFOCAL LASER SCANNING FLUORESCENCE MICROSCOPY" INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 15, no. 4, 1999, pages 617-623, XP000929604 page 618, column 2, line 10 - line 13 -----	2-53, 57-87
A	BIKOUA A ET AL: "Stabilised cellular immuno-fluorescence assay: CD45 expression as a calibration standard for human leukocytes" JOURNAL OF IMMUNOLOGICAL METHODS, vol. 266, no. 1-2, 2002, pages 19-32, XP004372268 the whole document -----	1
A	WO 00/23799 A (SMITH STEVEN JAY) 27 April 2000 (2000-04-27) page 26, line 30 - page 27, line 11; claim 6 -----	1
A	EP 0 345 953 A (SHANDON SCIENT LTD) 13 December 1989 (1989-12-13) cited in the application the whole document -----	2
A	WO 03/016867 A (BACUS SARAH S ; VENTANA MED SYST INC (US)) 27 February 2003 (2003-02-27) page 12, line 26 - page 13, line 30; claim 12 -----	1

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 54–56 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT – Diagnostic method practised on the human or animal body
Rule 39.1(iv) PCT – Method for treatment of the human or animal body by therapy
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/002682

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0023799	A	27-04-2000	AU	770729 B2		26-02-2004
			AU	4987699 A		08-05-2000
			CA	2347002 A1		27-04-2000
			EP	1131628 A1		12-09-2001
			WO	0023799 A1		27-04-2000
			US	2003059851 A1		27-03-2003
EP 0345953	A	13-12-1989	AT	108554 T		15-07-1994
			DE	68916710 D1		18-08-1994
			DE	68916710 T2		03-11-1994
			EP	0345953 A2		13-12-1989
			ES	2056216 T3		01-10-1994
			JP	2032260 A		02-02-1990
			US	5143714 A		01-09-1992
WO 03016867	A	27-02-2003	CA	2457799 A1		27-02-2003
			EP	1427810 A2		16-06-2004
			WO	03016867 A2		27-02-2003
			US	2003045451 A1		06-03-2003